



IF-12 Integrated Reader

Model IF-12 · Brand: Identium



A long-range UHF RFID reader with a 12 dBi antenna built into an IP65 housing, reading EPC Gen2 tags at up to 20 m. For parking, vehicle gates, toll lanes, production lines and access control.

KEY FEATURES

- **Integrated 12 dBi antenna, reading distance 0–20 m (tag dependent)**
- **IP65 housing, –20 °C to +60 °C operating temperature**
- 865–868 MHz (other bands on request), FHSS or fixed frequency
- Reads and writes ISO 18000-6C (EPC Gen2) and ISO 18000-6B tags
- LAN, RS232, RS485 and Wiegand 26/34; TCP/IP and Wi-Fi optional
- RF output adjustable up to 30 dBm; demo software and SDK supplied

APPLICATIONS

- Parking management
- Vehicle access gates
- Toll plaza lanes
- Production line tracking
- Port and customs gates
- Personnel tracking
- Library security
- Laundry automation

SPECIFICATIONS

Model	IDTS-IF12 (S/L/W)
Frequency	865–868 MHz (customised bands on request)
Protocol	ISO 18000-6C (EPC Gen2), ISO 18000-6B
Frequency mode	FHSS or fixed frequency, set by software
RF output	Up to 30 dBm, adjustable; 50 Ω
Antenna	Integrated, 12 dBi
Read range	0–20 m (tag dependent)
Interface	LAN, RS232, RS485, Wiegand 26/34; TCP/IP and Wi-Fi optional
Power	Adapter 220 V AC in, 9 V / 3 A DC out; average consumption under 10 W
Dimensions	255 × 255 × 42 mm
Weight	2.0 kg
IP rating	IP65
Operating temperature	–20 °C to +60 °C
Humidity	10–95% RH, non-condensing
Software	Demo software and SDK